



TAMPA PORT AUTHORITY

**“Setting Sail:
The Portfields Initiative at One Year”
Port of Tampa**

**Brownfields 2004: Gateway to Revitalization
St. Louis, Missouri
September 21, 2004**



Portfield Partners



Federal Portfield Partners

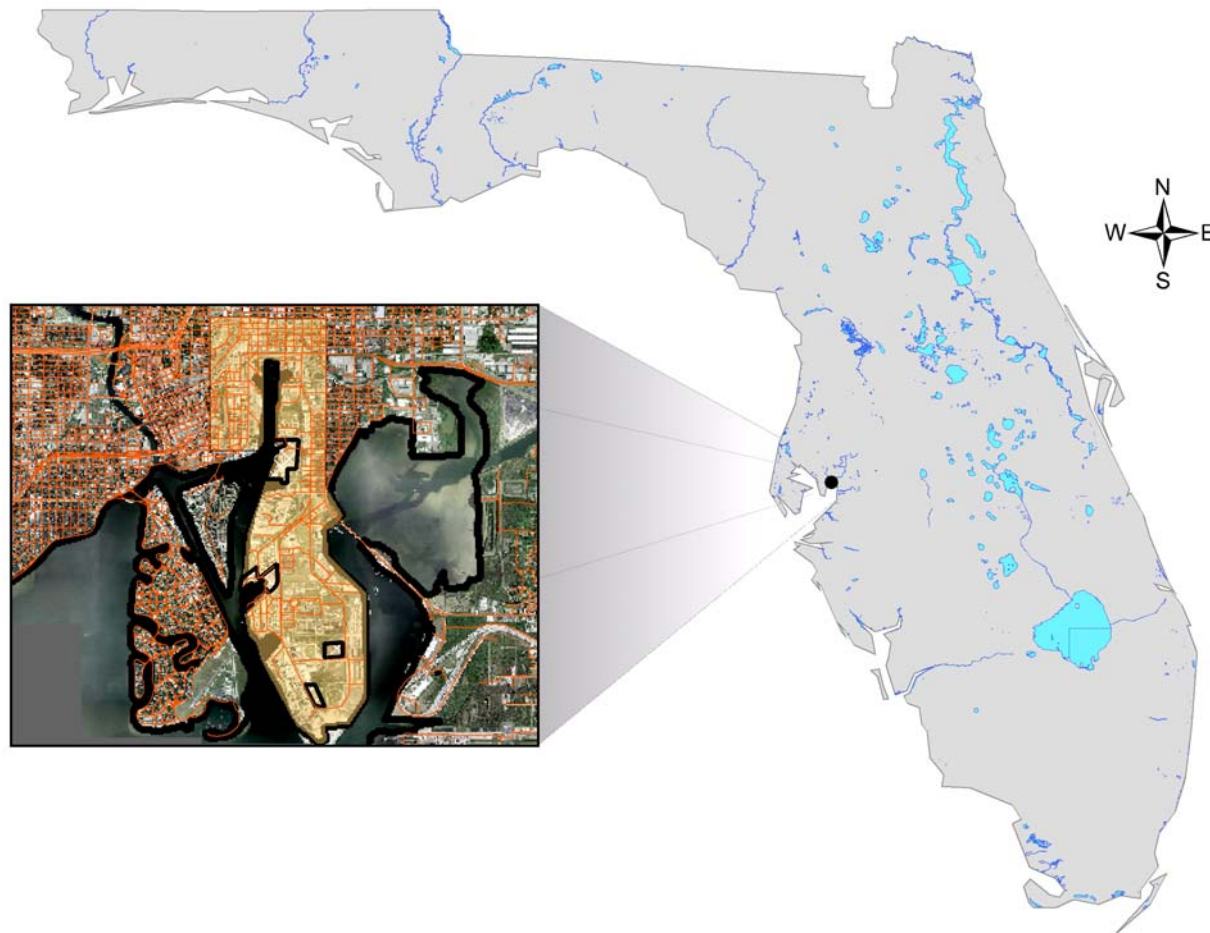


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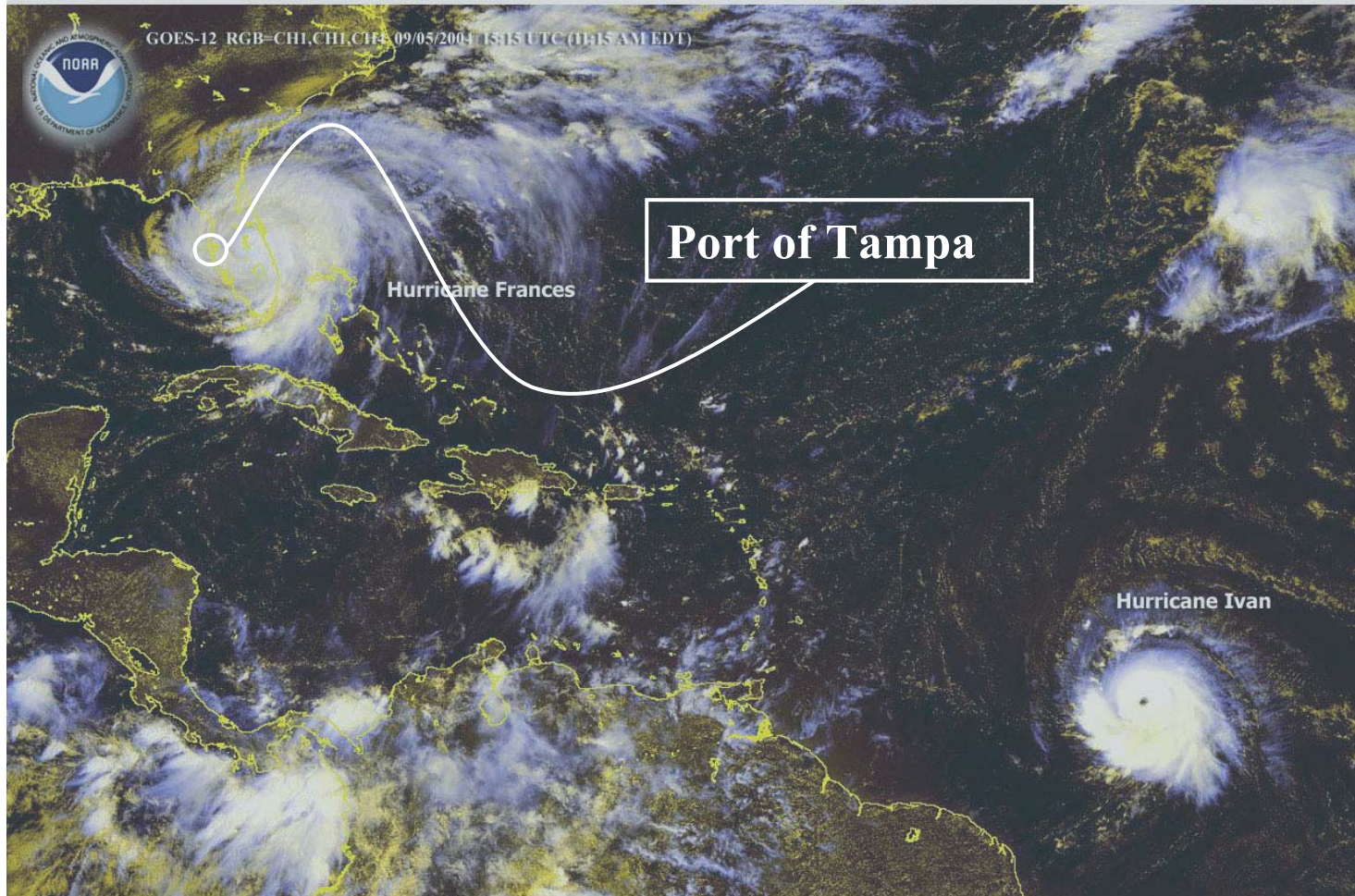
Port Location



More Recent Port Location

At 11:45 AM EDT Sept. 5, 2004, Hurricane Frances was over eastern Florida and Hurricane Ivan was off the coast of South America. According to the National Hurricane Center, at 11:00 AM Frances' winds were 80 knots with gusts to 100 knots, and movement was west-northwest at 8 knots. Ivan's winds were 75 knots with gusts to 90 knots and movement to the west at 18 knots.

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Port of Tampa

Port Facts

- Created in 1945 by Florida Legislature
- Florida's Largest Seaport and Estuary (Tampa Bay)
 - 400 square mile estuary
 - >2,500 sq. mi. watershed
 - Bay averages only 12-feet deep
- One of the Largest Cargo Ports in the Nation
- 4,003 Vessels/49.7 M tons of Cargo/>11,000 daily truck movements
- \$13 Billion Annually to Local Economy
- Supports 108,000 Jobs in Tampa Bay Region
- West Central Florida Businesses, Residents, Regional Airport, Dependent on Inventory Supply



Port of Tampa Operations

- Owns over 2500 acres
 - 300+ acres available
- Landlord port
- 40 mile channel
- Annual capital program:
\$50+ million
- Non-revenue generating projects
 - Dredging
 - Spoil Island Maintenance
 - Security



2002 Top Imports

<u>RANK</u>	<u>COMMODITY</u>	<u>TONNAGE</u>
1	PETROLEUM	17,448,879
2	COAL	6,572,081
3	SULPHUR	3,693,612
4	AMMONIA	2,567,367
5	LIMESTONE	1,103,085
6	CEMENT	792,291
7	GRANITE	611,918
8	GYPSUM ROCK	573,529
9	STEEL	337,788
10	SULPHURIC ACID	324,174



Major Initiatives

- Cruise development
- Container initiative
- Mixed use development
- Industrial development
- Channel widening
- Transportation Initiatives
 - 6 Proposed Major Roadway Projects
 - Improvements to Rail
 - Improvements to Port Terminals



Brownfields History at TPA

- Consistent With Port's Master Plan
- January of 2001 - City of Tampa Designated State Brownfields Area
- 2002- Expansion of City of Tampa EPA Brownfield Pilot Area
- 3 Brownfield Site Rehabilitation Agreements with Florida Department of Environmental Protection (FDEP)
 - Port Ybor
 - Former Tampa Scrap Processors
 - Tampa Shipbuilders



**Brownfields Sites in the
Port of Tampa Currently
Being Assessed or
Remediated.**



Legend

- Roads
- TPA Brownfields Site Rehabilitation Agreements
- City of Tampa / EPA Brownfields Pilot Area

**Port of Tampa
Map of Proposed Sites**

0 1,500 3,000 Feet

TBE GROUP

W N E S

This is not a map of survey. N:\010203\100274001\02\mod\grl_revised.mxd 10/23/2003

Port Ybor

- 50 Acre Site
- Former Department of Defense (DOD), Iron Works, Marine Repair, Shipbuilding, General Industrial....
- Soil/Groundwater Contamination
 - Petroleum, Solvents and Metals
- Substantial Assessment and Remediation (Bioremediation) Completed
- Includes Gulf Marine Repair (5-Acre Active Shipyard)



Port Ybor

■ Future Plans

- General Cargo, Cruise Ship Terminal, Light Industrial, Office, Warehouse
-Economic Development Agency (EDA) Partnership –1M\$ to Reconstruct Bulkhead



- No Further Action Required (NFA) Issued by FDEP for a 15-Acre Portion of the Port Ybor Brownfield Area. Future site of a mixed use multi-modal development.



Former Tampa Scrap Processors

- 15 Acre former Scrapyard
- Metal Recycling, Oil Filters
- Petroleum, Solvent, Metals
- Proposed Use
 - Bulk Cargo
 - Laydown Yard
 - Asphalt Manufacturing Plant



Tampa Shipbuilding & Repair

- 40 Acre Active Shipyard
 - Supports 700 maritime jobs,
 - Facility operates 24-7
- Ship Building, Repair, Dry Dock, Facility
- Auto Shredder, Oil Filters
- Petroleum, Solvent, Metals-Soil & Groundwater
- Contamination Limiting Expansion



Gulf Marine Repair

- Gulf Marine – 5 Acres
 - Current Ship Fabrication & Repair Facility
 - Former DOD Site and Part of Port Ybor BSRA
 - Petroleum, Solvent, Metals- Soil & Groundwater





Portfields Initiative



- Port of Tampa selected in September 2003 as one of three Portfields Pilots nationwide, along with:
 - New Bedford, Massachusetts
 - Port of Bellingham, Washington
- Portfields is a Federal interagency project spearheaded by NOAA with commitments from the EPA, Dept. of Labor, EDA, and others to partner with port communities to:
 - “help redevelop Brownfields and revitalize waterfront areas, improve marine transportation systems, and protect and restore coastal resources.”
- Tampa Port Authority Portfields Kick-Off Meeting Held April 2004, Included Federal Partners and Potential State and Local Stakeholders.





Portfields Kickoff



- January 2004 Portfields Pilot Announcement at the Port of Tampa
- NOAA Administrator Vice Admiral Conrad C. Lautenbacher, Jr., US Navy (Ret.)
- TPA Port Director and Board Chairman





Portfields Kickoff Meeting



■ April 2004 Kickoff Meeting

- Approximately 30 participants including many federal, state, and local partners.
- **Working Together!**
 - Florida Aquarium tour
 - Port Boat Trip
 - Meetings & Discussions





Portfields Kickoff Meeting



■ Identified Potential Port of Tampa Portfields Projects

- Brownfields Redevelopment
- Targeted Brownfield Assessment & Site Specific Activity Cleanup Assistance
- Habitat Protection, Creation, and Restoration
 - Tampa Bay seagrass impact/restoration studies
- Bulkhead and Wharf Improvement Projects
- Innovative Storm Water Treatment Project
- Aquatic Nuisance Species Monitoring
- Outreach Projects - Seaport Training & Employment Programs
 - Tampa Marine Institute At Risk Youth Program
- Improving Tampa Bay PORTS & VTIS System(s)
- Security Issues





Portfields Kickoff Assistance Matrix



Project	NOAA	EPA	ACOE	HUD	DOL	EDA	FWS	FDEF	WMD	City	TBEP
Habitat Protection, Creation & Restoration	✓		✓				✓	✓	✓		
Innovative Storm Water Treatment	✓	✓						✓	✓		✓
Brownfields Redevelopment	✓	✓	✓	✓		✓		✓		✓	
Bulkhead & Wharf Improvement		✓				✓					
Aquatic Nuisance Species	✓		✓								✓
Port Security	✓										
Seaport Training & Employment	✓										
Improving PORTS	✓										
Improving VTIS	✓										



EPA/FDEP Targeted Brownfields Assessment (TBA) Program



- EPA and Florida Dept. of Environmental Protection (FDEP) have Memorandum of Understanding on the TBA Program:
- Targeted Brownfields Assessment Program, EPA and/or FDEP utilizes their contractor to perform:
 - site assessments
 - typical costs of the assessments range between \$50,000-\$100,000
 - develop cleanup options and cost estimates,
 - typically program does not provide assistance to conduct site cleanup or demolition activities
- TPA has applied for a TBA Grant for the Port Ybor site.



Habitat Protection, Creation, & Enhancement Spoil Disposal Islands



US Army Corps
of Engineers®



- Two large spoil islands 2-D & 3-D, approximately 500 & 400 acres, respectively
- 2-D close to capacity
- Premier nesting sites for the American Oystercatcher and other shore birds
- Erosion from open fetch and ship traffic
- Habitat creation & enhancement opportunities



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Bulkhead and Wharf Improvement Projects



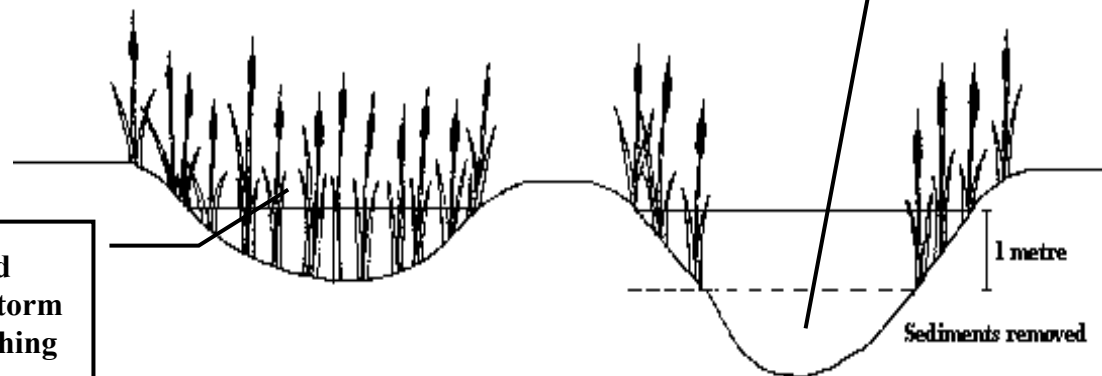
Innovative Storm Water Treatment Projects

- Master Port Drainage Plan last updated June 2001
- Need to better define Port property boundaries and incorporate AutoCAD storm water drainage plans into GIS overlay
- Identify unused out parcels in close proximity to existing drainage and storm water conveyance systems for the creating:

- setting ponds
- habitat creation
- wetland restoration
- enhancement of water quality



Wetland
plantings, storm
water polishing



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Outreach Projects



■ Seaport Training & Employment Program

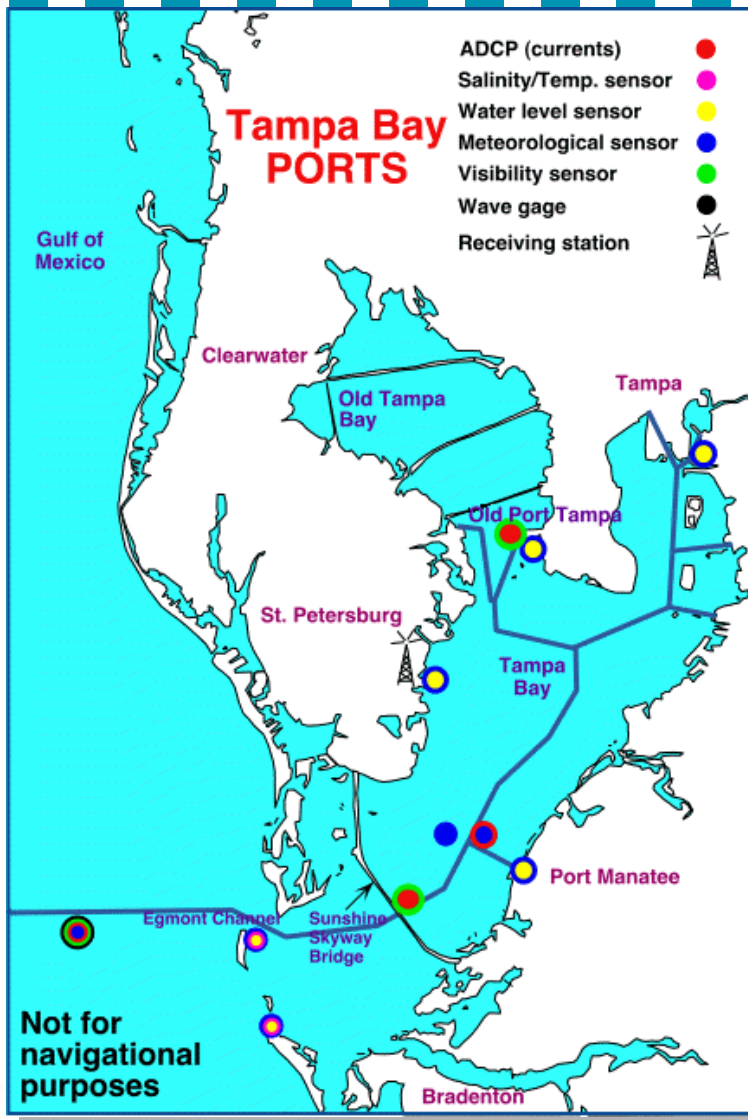
- Partnership with local community college(s) and local maritime industries. It is essentially an in-class and on-site technical training program to prepare workers for positions in traditional industries, such as ship repair, environmental sound land maintenance and/or seaport construction.

■ Tampa Marine Institute At Risk Youth Program

- Tampa Marine Institute offers rehabilitation for at risk youth via training in and exposure to solid role models, including suitable career paths.



Improving Tampa Bay PORTS & VTIS System



- PORTS is the Physical Oceanographic Real-Time System that provides current, water level, and wind measurements from multiple locations in Tampa Bay
- Vessel Traffic Information System (VTIS)
 - Port and waterway traffic management system



Security Issues



- Encourage Portfields partner agencies to engage Dept. of Homeland Security's involvement in the program to provide required maritime security facilities and infrastructure funding for designated Brownfield redevelopment areas.





Year One Successes

- Innovative Stormwater Management & Improvements
 - \$25,000 of NOAA funding designated for Port storm water enhancement and restoration.
 - \$20,000 grant for GIS development services in an effort to identify land suitable for stormwater improvements and habitat enhancement on port-owned property.
 - Submitted for matching funds to local agencies for design, engineering permitting, and construction costs.
- Brownfields
 - No Further Action Required (NFA) Issued by FDEP for a 15-Acre Portion of the Port Ybor Brownfield Area.
 - Submitted Targeted Brownfield Assessment and Site Specific Activity grant application requests.
 - Finalizing remediation services unit price contract for cleanup on port properties.





Year One Needs

- Federal funding matrix
- Grant writing and application submittal assistance
- Specific funding for NOAA Portfields implementation
- Tampa Bay seagrass impact/restoration studies
- Increased involvement by USACOE
- Involvement of Homeland Security Dept. to assist funding security improvements specific to Brownfield and Portfields project sites





PORT OF TAMPA



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Copy of Presentation Available at:
<http://www.brownfields.noaa.gov/>